

been projected for the publication of articles, not too deep and extended, upon the flora of the western part of the state. Besides the proceedings of the Club and reports of the administrative character, it contains papers on the Pteridophytes of Allegheny County, The Fungal Flora of Pittsburgh, and Rambles in Panama and Jamaica. It has all of the characteristics of a well-edited and interesting journal covering a local area.—N. T.

A review (*Plant World*, July, 1911) of Fitting's recent paper dealing with the relation of osmotic pressure of the cell sap in plants to arid habitats gives some interesting figures concerning the pressure found in leaf cells. The reviewer, E. B. Livingston, says that "we find that the highest pressure developed by those desert forms is more than *thirteen* times what we have hitherto considered as *usual*. They are perhaps three times as great as the pressure observed in grass stems by Pfeffer. Hereafter the highest pressures observed by ordinary green plants must be cited as at least over 100, perhaps as high as 130 atmospheres, or even higher."—J. B.

## PROCEEDINGS OF THE CLUB

OCTOBER 25, 1911

The meeting of October 25, 1911, was held in the Museum Building of the New York Botanical Garden at 3:30 P.M., Vice-President Barnhart presiding. Fifteen persons were present.

The scientific program consisted of informal reports on the summer's work. Dr. N. L. Britton discussed the genus *Cameraria* L. and illustrated his remarks by specimens and illustrations of the known species, together with those of an undescribed one found by him at the United States Naval Station, Guantanamo, Cuba. He also remarked on the large number of undescribed species of plants in many genera contained in the recent Cuban collections of the New York Botanical Garden.

Dr. Marshall A. Howe gave a brief résumé of a paper on "Some

Marine Algae of Lower California, Mexico," which had been accepted for publication in the November number of the *Bulletin*. The algae of Lower California have been hitherto almost unknown, only seven species having been attributed to the region. The materials on which the present paper was based give evidence of the existence there of at least thirty-four species, a good proportion of them being new to science, and it seems probable that adequate exploration of the region would show its algal flora to be rich and varied.

Dr. J. K. Small gave some brief notes on certain species of *Peperomia*, and Dr. H. M. Richards outlined some research work on acidity in cacti, which he had been prosecuting at the Desert Laboratory, Tucson, Arizona.

Meeting adjourned.

FRED J. SEAVER,  
*Secretary pro tem.*

#### NOVEMBER 14, 1911

The meeting of November 14, 1911, was held at the American Museum of Natural History at 8:15 P.M., Vice-President Barnhart presiding. Forty-five persons were present.

The minutes of the meetings of October 10 and October 25 were read and approved.

Mrs. N. C. Nuris, 611 W. 177th St., New York City, and Dr. George F. Bovard, University of Southern California, Los Angeles, California, were proposed for membership. There being no further business to consider Mrs. N. C. Nuris was then elected to membership in the Club.

The announced scientific program of the evening consisted of a lecture on "Trees of New York City," by Professor C. C. Curtis. The lecture was illustrated by numerous lantern slides.

Meeting adjourned.

B. O. DODGE,  
*Secretary*

#### NEWS ITEMS

Professor J. E. Kirkwood has issued a prospectus of the short course in Forestry (January to March) at the University